

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

WIN-1927

Effective Date: August 1, 2014

Reevaluation Date: **March 2017**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

**EnergyQuest PW Fixed Vinyl Windows Individual, Replacement Construction, Non-impact Resistant**, manufactured by

**Pro Window & Door Company**  
**6500 Forbing Road**  
**Suite 100**  
**Little Rock, Arkansas 72209**  
**Telephone: (501) 663-3611**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	EnergyQuest PW Fixed Window PG50; O	CW-PG50 96 x 72-Type FW	± 50 psf
2	EnergyQuest PW Fixed Window PG60; O	R-PG60 48 x 48-Type FW	± 60 psf

### Product Dimensions:

System	Overall Size	Operating Sash Size	Fixed Daylight Opening Size
1	96.00" x 72.00"	N/A	92.50" x 68.44"
2	48.00" x 48.00"	N/A	44.38" x 44.38"

### Product Identification (Certification Agency Label on Window)

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 252-758
	Product Name	EnergyQuest PW Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 252-759
	Product Name	EnergyQuest PW Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

### Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:**

**System 1 (Frame Installation):** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the frame of the window. The window frame is secured to the wall framing with minimum No. 10 x 2" screws. Along the head, sill and the side jambs, the fasteners are located approximately 6 inches from each end and approximately 14-16 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

**System 2 (Frame Installation):** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the frame of the window. The window frame is secured to the wall framing with minimum No. 10 x 2" screws. Along the head, sill and the side jambs, the fasteners are located approximately 6 inches from each end and approximately at the mid span of the Daylight Opening. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.